

Mobility

Advanced Amphibious Assault Vehicle (AAAV) Program

Description

The Advanced Amphibious Assault Vehicle (AAAV) will join the MV-22 and LCAC, as an integral component of the amphibious triad required for executing Expeditionary Maneuver Warfare. The AAAV will allow naval expeditionary forces to eliminate the battlefield mobility gap and, for the first time in the history of Naval warfare, maneuver ashore in a single, seamless stroke giving both the ships and landing forces sufficient sea space for maneuver, surprise, and protection. The AAAV's unique combination of offensive firepower, armor, and Nuclear, Biological, and Chemical (NBC) protection, and high-speed mobility on land and sea represent major breakthroughs in the ability of naval expeditionary forces to avoid an enemy's strengths and exploit its weaknesses. The AAAV remains the Marine Corps' number one ground acquisition priority.

Procurement Profile: FY 01 FY 02

Quantity:	0	0
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Operational Impact

The AAAV will allow immediate, high-speed surface maneuver of Marine infantry units as they emerge from ships located over the visual horizon 25 nautical miles and beyond. Projection of these forces will be conducted in a manner that exploits the intervening sea and land terrain to achieve surprise and rapidly penetrate weak points in the enemy's littoral defenses to seize operational objectives.

Program Status

The first AAAV prototype was publicly presented in June 1999. In August 1999 the prototype began contractor shake out testing, with Developmental Testing and Early Operational Testing conducted concurrently. Under the current schedule, Full Rate Production will begin and IOC will be achieved in FY06. A total of 1013 AAAVs will be produced. FOC is currently planned for FY 16.

Developer/Manufacturer:

General Dynamics Amphibious Systems-located at the AAAV Technology Center in Woodbridge, VA